

Title (en)

A method and apparatus for measuring the input frequency response of a digital receiver

Title (de)

Verfahren und Vorrichtung zur Messung des Frequenzantworts eines digitalen Empfängers

Title (fr)

Procédé et appareil pour mesurer la réponse en fréquence d'un récepteur numérique

Publication

EP 1640734 B1 20080319 (EN)

Application

EP 05020557 A 20050921

Priority

US 61402404 P 20040927

Abstract (en)

[origin: EP1640734A1] A frequency response measurement circuit includes a generation circuit operative to provide an input signal having a voltage and programmable frequency characteristics in response to a frequency control signal. A decision circuit is coupled to the generation circuit and is operative to sample the input signal at predetermined intervals in response to a sampling clock signal and determine the amplitude characteristics of the input signal relative to a variable threshold signal. A control circuit is coupled to the decision circuit, and is operative to determine the frequency response characteristics of the input signal at varying frequencies and threshold voltages in response to the frequency control signal.

IPC 8 full level

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CPC (source: EP US)

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